

CLAIMS

WHAT IS CLAIMED IS:

- 5 1. A method comprising:
 - finding a correlation between a first statement and a previous statement;
 - predicting a second statement based on the previous statement; and
 - retrieving at least one page from a database based on the second statement.
- 10 2. The method of claim 1, wherein the retrieving further comprises:
 - retrieving the at least one page asynchronously from executing the first statement against the database; and
 - storing the at least one page in a cache.
- 15 3. The method of claim 1, wherein the finding the correlation further comprises:
 - finding a host variable in a history that matches the host variable in the first statement.
- 20 4. The method of claim 3, wherein the previous statement is stored in the history.
- 25 5. The method of claim 3, wherein the predicting further comprises:
 - finding the second statement in the history, wherein the second statement followed the previous statement in time.
- 30 6. An apparatus comprising:
 - means for finding a correlation between a first statement and a previous statement, wherein the previous statement is stored in a history of a plurality of statements;
 - means for predicting a second statement based on the previous statement; and
 - means for retrieving at least one page from a database based on the second statement.

7. The apparatus of claim 6, further comprising:
means for saving the first statement in the history.
- 5 8. The apparatus of claim 6, wherein the means for retrieving further comprises:
means for retrieving the at least one page asynchronously from executing the first
statement against the database; and
means for storing the at least one page in a cache.
- 10 9. The apparatus of claim 8, further comprising:
means for executing a next statement against the cache, wherein the next
statement follows the first statement in time, and wherein a host variable in the next
statement matches the host variable in the second statement.
- 15 10. The apparatus of claim 6, wherein the means for finding the correlation further
comprises:
means for finding a host variable in the history that matches the host variable in
the first statement.
- 20 11. A signal-bearing medium encoded with instructions, wherein the instructions when
executed comprise:
finding a correlation between a first statement and a previous statement, wherein
the previous statement is stored in a history of a plurality of statements;
predicting a second statement based on the previous statement;
25 executing the first statement against a database; and
retrieving at least one page from the database based on the second statement.
12. The signal-bearing medium of claim 11, wherein the retrieving further comprises:
retrieving the at least one page asynchronously from the executing the first
30 statement.

13. The signal-bearing medium of claim 11, further comprising:

storing the at least one page in a cache.

14. The signal-bearing medium of claim 13, further comprising:

5 executing a next statement against the cache, wherein the next statement follows
the first statement in time, and wherein a host variable in the next statement matches the
host variable in the second statement.

15. The signal-bearing medium of claim 11, wherein the finding the correlation further
10 comprises:

finding a host variable in the history that matches the host variable in the first
statement.

16. A server comprising:

15 a processor; and

a storage device encoded with instructions, wherein the instructions when
executed on the processor comprise:

finding a correlation between a first statement and a previous statement,
wherein the previous statement is stored in a history of a plurality of statements,
20 and wherein the finding the correlation further comprises finding a host variable
in a history that matches the host variable in the first statement,
predicting a second statement based on the previous statement,
executing the first statement against the database, and
retrieving at least one page from a database based on the second statement.

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17. The server of claim 16, wherein the retrieving further comprises:

retrieving the at least one page asynchronously from the executing the first
statement.

30 18. The server of claim 16, wherein the instructions further comprise:

storing the at least one page in a cache.

19. The server of claim 18, wherein the instructions further comprise:

executing a next statement against the cache, wherein the next statement follows
the first statement in time, and wherein the host variable in the next statement matches
5 the host variable in the second statement.

20. The server of claim 16, wherein the finding further comprises:

finding the previous statement, wherein the previous statement is associated with
a same job as the first statement.
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